

Wed Oct 15 12:30:57 2003

US-09-480-977-4.rapb

Page 1

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: October 14, 2003, 17:27:34 ; Search time 66 Seconds
(without alignments)
114.743 Million cell updates/sec

Title: US-09-480-977-4

Perfect score: 277
Sequence: 1 HRPCKDKRLAYCLANDBCF.....SHKCRCKEYGVGRCDQPL 47

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 600653 seqs, 161128416 residues

Total number of hits satisfying chosen parameters: 600653

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database :

Published Applications AA:*

1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep.*
7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
9: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep.*
10: /cgn2_6/ptodata/2/pubpaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
17: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*
18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	277	100.0	47	9 US-09-817-647-4	Sequence 4, Appl1
2	277	100.0	47	9 US-09-817-647-8	Sequence 8, Appl1
3	277	100.0	47	10 US-09-877-665-4	Sequence 8, Appl1
4	277	100.0	47	10 US-09-877-665-8	Sequence 8, Appl1
5	277	100.0	47	14 US-10-136-573A-4	Sequence 8, Appl1
6	277	100.0	47	14 US-10-136-573A-8	Sequence 8, Appl1
7	277	100.0	47	15 US-10-215-862-4	Sequence 8, Appl1
8	277	100.0	47	15 US-10-215-862-8	Sequence 8, Appl1
9	277	100.0	360	9 US-09-817-647-7	Sequence 7, Appl1
10	277	100.0	360	10 US-09-877-665-7	Sequence 7, Appl1
11	277	100.0	360	14 US-10-136-573A-7	Sequence 7, Appl1
12	277	100.0	360	15 US-10-215-862-7	Sequence 7, Appl1
13	277	100.0	362	9 US-09-817-647-3	Sequence 3, Appl1
14	277	100.0	362	10 US-09-877-665-3	Sequence 3, Appl1
15	277	100.0	362	14 US-10-136-573A-3	Sequence 3, Appl1

16	227	100.0	362	15 US-10-215-862-3	Sequence 3, Appl1
17	277	100.0	696	9 US-09-817-647-23	Sequence 23, Appl1
18	277	100.0	696	10 US-09-877-665-23	Sequence 23, Appl1
19	277	100.0	696	14 US-10-136-573A-23	Sequence 23, Appl1
20	277	100.0	696	15 US-10-215-862-23	Sequence 23, Appl1
21	277	100.0	713	9 US-09-817-647-2	Sequence 2, Appl1
22	277	100.0	713	10 US-09-877-665-2	Sequence 2, Appl1
23	277	100.0	713	14 US-10-136-573A-2	Sequence 2, Appl1
24	277	100.0	713	15 US-10-215-862-2	Sequence 2, Appl1
25	277	100.0	720	9 US-09-817-647-6	Sequence 6, Appl1
26	277	100.0	720	10 US-09-877-665-6	Sequence 6, Appl1
27	277	100.0	720	14 US-10-136-573A-6	Sequence 6, Appl1
28	277	100.0	720	15 US-10-215-862-6	Sequence 6, Appl1
29	113.5	41.0	49	9 US-09-817-647-14	Sequence 14, Appl1
30	113.5	41.0	49	10 US-09-877-665-14	Sequence 14, Appl1
31	113.5	41.0	49	14 US-10-136-573A-14	Sequence 14, Appl1
32	113.5	41.0	49	15 US-10-215-862-14	Sequence 14, Appl1
33	113.5	41.0	50	14 US-10-096-241-12	Sequence 12, Appl1
34	113.5	41.0	66	16 US-10-082-747A-2	Sequence 2, Appl1
35	113.5	41.0	95	15 US-10-022-609-12	Sequence 12, Appl1
36	113.5	41.0	99	9 US-09-795-668-35	Sequence 35, Appl1
37	113.5	41.0	99	9 US-09-795-668-35	Sequence 35, Appl1
38	113.5	41.0	99	10 US-09-946-807-35	Sequence 35, Appl1
39	113.5	41.0	125	9 US-09-795-668-30	Sequence 30, Appl1
40	113.5	41.0	125	9 US-09-795-668-30	Sequence 30, Appl1
41	113.5	41.0	125	10 US-09-946-807-30	Sequence 30, Appl1
42	113.5	41.0	456	9 US-09-795-668-17	Sequence 17, Appl1
43	113.5	41.0	456	9 US-09-795-668-17	Sequence 17, Appl1
44	113.5	41.0	456	10 US-09-946-807-17	Sequence 17, Appl1
45	113.5	41.0	632	9 US-09-795-668-16	Sequence 16, Appl1

ALIGNMENTS

RESULT 1

Sequence 4, Application US/09817647

Patent No. US20020082229A1

GENERAL INFORMATION:

APPLICANT: Goddard, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao

TITLE OF INVENTION: Bbb Receptor-Specific Neuregulin Related

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 1 DNA Way

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 MB-floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatIn (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/817,647

FILING DATE: 26-Mar-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/107,979

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Conley, Delidre L.

REGISTRATION NUMBER: 36,487

REFERENCE/DOCKET NUMBER: P1084R1-2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650/952-2066

FAX: 650/952-9681

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 47 amino acids

TYPE: Amino Acid
TOPOLOGY: Linear
FEATURE:
NAME/KEY: NRG3 EGF-like domain/amino acid seq.
LOCATION: 1-47
IDENTIFICATION METHOD:
OTHER INFORMATION:
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-817-647-4

Query Match 100.0%; Score 277; DB 9; Length 47;
Best Local Similarity 100.0%; Pred. No. 9.1e-27;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1 HFKPCRDKLAYCLNDGECFVIEITLTSKHCKRCCKEGYGVRCDFL 47
DB 1 HFKPCRDKLAYCLNDGECFVIEITLTSKHCKRCCKEGYGVRCDFL 47

RESULT 2

US-09-817-647-8
Sequence 8, Application US/09817647
Patent No. US20020082229A1

GENERAL INFORMATION:

APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
Ligands and Uses Therefor

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSER: Genentech, Inc.

STREET: 1 DNA Way

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatIn (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/817,647

FILING DATE: 26-Mar-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/107,979

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Conley, Delidre L.

REGISTRATION NUMBER: 36,487

REFERENCE/DOCKET NUMBER: P1084R1-2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650/225-2066

TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 47 amino acids

TYPE: Amino Acid

TOPOLOGY: Linear

FEATURE:

NAME/KEY: NRG3 EGF-like domain/amino acid seq.

LOCATION: 1-47

IDENTIFICATION METHOD:

OTHER INFORMATION:

SEQUENCE DESCRIPTION: SEQ ID NO: 8:

US-09-817-647-8

Query Match 100.0%; Score 277; DB 9; Length 47;
Best Local Similarity 100.0%; Pred. No. 9.1e-27;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1 HFKPCRDKLAYCLNDGECFVIEITLTSKHCKRCCKEGYGVRCDFL 47
DB 1 HFKPCRDKLAYCLNDGECFVIEITLTSKHCKRCCKEGYGVRCDFL 47

DB 1 HFKPCRDKLAYCLNDGECFVIEITLTSKHCKRCCKEGYGVRCDFL 47

RESULT 3

US-09-877-665-4
Sequence 4, Application US/09877665
Patent No. US20020164680A1

GENERAL INFORMATION:

APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
Ligands and Uses Therefor

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSER: Genentech, Inc.

STREET: 1 DNA Way

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatIn (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/877,665

FILING DATE: 08-Jun-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/109,206

FILING DATE: 30-Jun-1998

ATTORNEY/AGENT INFORMATION:

NAME: Conley, Delidre L.

REGISTRATION NUMBER: 36,487

REFERENCE/DOCKET NUMBER: P1084R1-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650/225-2066

TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 47 amino acids

TYPE: Amino Acid

TOPOLOGY: Linear

FEATURE:

NAME/KEY: NRG3 EGF-like domain/amino acid seq.

LOCATION: 1-47

IDENTIFICATION METHOD:

OTHER INFORMATION:

SEQUENCE DESCRIPTION: SEQ ID NO: 4:

US-09-877-665-4

Query Match 100.0%; Score 277; DB 10; Length 47;
Best Local Similarity 100.0%; Pred. No. 9.1e-27;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1 HFKPCRDKLAYCLNDGECFVIEITLTSKHCKRCCKEGYGVRCDFL 47
DB 1 HFKPCRDKLAYCLNDGECFVIEITLTSKHCKRCCKEGYGVRCDFL 47

RESULT 4

US-09-877-665-8
Sequence 8, Application US/09877665
Patent No. US20020164680A1

GENERAL INFORMATION:

APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
Ligands and Uses Therefor

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSER: Genentech, Inc.

STREET: 1 DNA Way

CITY: South San Francisco

STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/877,665
FILING DATE: 08-Jun-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/109,206
FILING DATE: 30-Jun-1998
ATTORNEY/AGENT INFORMATION:
NAME: Conley, Delidre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1084R1-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 47 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
FEATURE:
NAME/KEY: NR3 EGF-like domain/amino acid seq.
LOCATION: 1-47
IDENTIFICATION METHOD:
OTHER INFORMATION:
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-877-665-8
Query Match 100.0%; Score 277; DB 10; Length 47;
Best Local Similarity 100.0%; Pred. No. 9,1e-27;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 1 HFKPCRDKLAYCLNDGECFVIEITLTGSHKCRCKEGYGVRCDFL 47
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RESULT 5
US-10-136-573A-4
Sequence 4, Application US/10136573A
Publication No. US20020161200A1
GENERAL INFORMATION:
APPLICANT: Godowski, Paul J.
APPLICANT: Mark, Melanie Rose
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related Ligands and
FILE REFERENCE: P1084R1C2
CURRENT APPLICATION NUMBER: US/10/136,573A
PRIOR FILING DATE: 2002-04-29
PRIOR APPLICATION NUMBER: US 09/480,977
PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: US 08/899,437
PRIOR FILING DATE: 1997-07-24
PRIOR APPLICATION NUMBER: US 60/052,019
PRIOR FILING DATE: 1997-07-09
NUMBER OF SEQ ID NOS: 23
SEQ ID NO 4
LENGTH: 47
TYPE: PRT
ORGANISM: Homo sapiens
US-10-136-573A-4
Query Match 100.0%; Score 277; DB 14; Length 47;
Best Local Similarity 100.0%; Pred. No. 9,1e-27;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 HFKPCRDKLAYCLNDGECFVIEITLTGSHKCRCKEGYGVRCDFL 47
RESULT 6
US-10-136-573A-8
Sequence 8, Application US/10136573A
Publication No. US20020161200A1
GENERAL INFORMATION:
APPLICANT: Godowski, Paul J.
APPLICANT: Mark, Melanie Rose
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related Ligands and
FILE REFERENCE: P1084R1C2
CURRENT APPLICATION NUMBER: US/10/136,573A
PRIOR FILING DATE: 2002-04-29
PRIOR APPLICATION NUMBER: US 09/480,977
PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: US 08/899,437
PRIOR FILING DATE: 1997-07-24
PRIOR APPLICATION NUMBER: US 60/052,019
PRIOR FILING DATE: 1997-07-09
NUMBER OF SEQ ID NOS: 23
SEQ ID NO 8
LENGTH: 47
TYPE: PRT
ORGANISM: Homo sapiens
US-10-136-573A-8
Query Match 100.0%; Score 277; DB 14; Length 47;
Best Local Similarity 100.0%; Pred. No. 9,1e-27;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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1 HFKPCRDKLAYCLNDGECFVIEITLTGSHKCRCKEGYGVRCDFL 47
RESULT 7
US-10-215-862-4
Sequence 4, Application US/10215862
Publication No. US20030036166A1
GENERAL INFORMATION:
APPLICANT: Godowski, Paul J.
APPLICANT: Mark, Melanie Rose
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related Ligands and
FILE REFERENCE: P1084R1D2C1
CURRENT APPLICATION NUMBER: US/10/215,862-
PRIOR FILING DATE: 2002-09-24
PRIOR APPLICATION NUMBER: US 09/126,663
PRIOR FILING DATE: 1998-07-30
PRIOR APPLICATION NUMBER: US 08/899,437
PRIOR FILING DATE: 1997-07-24
PRIOR APPLICATION NUMBER: US 60/052,019
PRIOR FILING DATE: 1997-07-09
NUMBER OF SEQ ID NOS: 23
SEQ ID NO 4
LENGTH: 47
TYPE: PRT
ORGANISM: Homo sapiens
US-10-215-862-4
Query Match 100.0%; Score 277; DB 15; Length 47;
Best Local Similarity 100.0%; Pred. No. 9,1e-27;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 1 HFKPCRDKLAYCLNDGECFVIEITLTGSHKCRCKEGYGVRCDFL 47
1 HFKPCRDKLAYCLNDGECFVIEITLTGSHKCRCKEGYGVRCDFL 47

Db 1.HKPCRDKDLAYCLNDGECFVIELTGSNHCRCRCKEGYGVRCDOFL 47

RESULT 8

US-10-215-862-8
Sequence 8, Application US/10215862
Publication No. US2003036166A1
GENERAL INFORMATION:
APPLICANT: Godowski, Paul J.
APPLICANT: Mark, Melanie Rose
APPLICANT: Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related Ligands and
TITLE OF INVENTION: Uses Therefor
FILE REFERENCE: P1084R1D2C1
CURRENT APPLICATION NUMBER: US/10/215,862
CURRENT FILING DATE: 2002-09-24
PRIOR APPLICATION NUMBER: US 09/126,663
PRIOR FILING DATE: 1998-07-30
PRIOR APPLICATION NUMBER: US 08/899,437
PRIOR FILING DATE: 1997-07-24
PRIOR APPLICATION NUMBER: US 60/052,019
PRIOR FILING DATE: 1997-07-09
NUMBER OF SEQ ID NOS: 23
SEQ ID NO 8
LENGTH: 47
TYPE: PRT
ORGANISM: Homo sapiens
US-10-215-862-8

Query Match 100.0%; Score 277; DB 15; Length 47;
Best Local Similarity 100.0%; Pred. No. 9, 1e-27;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1.HKPCRDKDLAYCLNDGECFVIELTGSNHCRCRCKEGYGVRCDOFL 47
1.HKPCRDKDLAYCLNDGECFVIELTGSNHCRCRCKEGYGVRCDOFL 47

RESULT 9

US-09-817-647-7
Sequence 7, Application US/09817647
Patent No. US2002082229A1
GENERAL INFORMATION:
APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
Ligands and Uses Therefor
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPacIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/817,647
FILING DATE: 26-Mar-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/107,979
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Conley, Delidre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1084R1-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 360 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear

FEATURE:

NAME/KEY: hNRG3 extracellular domain/Amino AcidsSeq

LOCATION: 1-360

IDENTIFICATION METHOD:

OTHER INFORMATION:

US-09-817-647-7

Query Match 100.0%; Score 277; DB 9; Length 360;
Best Local Similarity 100.0%; Pred. No. 7, 3e-26;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1.HKPCRDKDLAYCLNDGECFVIELTGSNHCRCRCKEGYGVRCDOFL 47
286.HKPCRDKDLAYCLNDGECFVIELTGSNHCRCRCKEGYGVRCDOFL 332

RESULT 10

US-09-877-665-7
Sequence 7, Application US/09877665
Patent No. US20020164680A1

GENERAL INFORMATION:

APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao

TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
Ligands and Uses Therefor

NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESSES:

ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way

CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPacIn (Genentech)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/877,665
FILING DATE: 08-Jun-2001

CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/109,206
FILING DATE: 30-Jun-1998

ATTORNEY/AGENT INFORMATION:
NAME: Conley, Delidre L.
REGISTRATION NUMBER: 36,487

REFERENCE/DOCKET NUMBER: P1084R1-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:
LENGTH: 360 amino acids
TYPE: Amino Acid

TOPOLOGY: Linear

FEATURE:
NAME/KEY: hNRG3 extracellular domain/Amino AcidsSeq

LOCATION: 1-360

IDENTIFICATION METHOD:

OTHER INFORMATION:

US-09-877-665-7

Query Match 100.0%; Score 277; DB 10; Length 360;
Best Local Similarity 100.0%; Pred. No. 7, 3e-26;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HRPGRDLDLAVCLNDGCFVLETLTGSHKRCRCKEGYGVRCDOFL 47
DB 286 HRPGRDLDLAVCLNDGCFVLETLTGSHKRCRCKEGYGVRCDOFL 332

RESULT 11
US-10-136-573A-7.
Sequence 7, Application US/10136573A
Publication No. US20020161200A1
GENERAL INFORMATION:
APPLICANT: Godowski, Paul J.
APPLICANT: Mark, Melanie Rose
APPLICANT: Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related Ligands and
FILE REFERENCE: P1084R1C2
CURRENT APPLICATION NUMBER: US/10/136,573A
CURRENT FILING DATE: 2002-04-29
PRIOR APPLICATION NUMBER: US 09/480,977
PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: US 08/899,437
PRIOR FILING DATE: 1997-07-24
PRIOR APPLICATION NUMBER: US 60/052,019
PRIOR FILING DATE: 1997-07-09
NUMBER OF SEQ ID NOS: 23
SEQ ID NO 7
LENGTH: 360
TYPE: PRT
ORGANISM: Homo sapiens
US-10-136-573A-7

Query Match 100.0%; Score 277; DB 14; Length 360;
Best Local Similarity 100.0%; Pred. No. 7, 3e-26;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HRPGRDLDLAVCLNDGCFVLETLTGSHKRCRCKEGYGVRCDOFL 47
DB 286 HRPGRDLDLAVCLNDGCFVLETLTGSHKRCRCKEGYGVRCDOFL 332

RESULT 12
US-10-215-862-7
Sequence 7, Application US/10215862
Publication No. US20030036166A1
GENERAL INFORMATION:
APPLICANT: Godowski, Paul J.
APPLICANT: Mark, Melanie Rose
APPLICANT: Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related Ligands and
FILE REFERENCE: P1084R1D2C1
CURRENT APPLICATION NUMBER: US/10/215,862
CURRENT FILING DATE: 2002-09-24
PRIOR APPLICATION NUMBER: US 09/126,663
PRIOR FILING DATE: 1998-07-30
PRIOR APPLICATION NUMBER: US 08/899,437
PRIOR FILING DATE: 1997-07-24
PRIOR APPLICATION NUMBER: US 60/052,019
PRIOR FILING DATE: 1997-07-09
NUMBER OF SEQ ID NOS: 23
SEQ ID NO 7
LENGTH: 360
TYPE: PRT
ORGANISM: Homo sapiens
US-10-215-862-7

Query Match 100.0%; Score 277; DB 15; Length 360;
Best Local Similarity 100.0%; Pred. No. 7, 3e-26;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HRPGRDLDLAVCLNDGCFVLETLTGSHKRCRCKEGYGVRCDOFL 47

DB 286 HRPGRDLDLAVCLNDGCFVLETLTGSHKRCRCKEGYGVRCDOFL 332

RESULT 13
US-09-817-647-3
Sequence 3, Application US/09817647
Patent No. US20020082229A1
GENERAL INFORMATION:
APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
Ligands and Uses Therefor
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/817,647
FILING DATE: 26-Mar-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/107,979
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Conley, Delidre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1084R1-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 362 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
FEATURES:
NAME/KEY: mNRG3 extracellular domain/amino acid seq
LOCATION: 1-362
IDENTIFICATION METHOD:
OTHER INFORMATION:
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-817-647-3

Query Match 100.0%; Score 277; DB 9; Length 362;
Best Local Similarity 100.0%; Pred. No. 7, 4e-26;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HRPGRDLDLAVCLNDGCFVLETLTGSHKRCRCKEGYGVRCDOFL 47
DB 286 HRPGRDLDLAVCLNDGCFVLETLTGSHKRCRCKEGYGVRCDOFL 334

RESULT 14
US-09-877-665-3
Sequence 3, Application US/09877665
Patent No. US20020164680A1
GENERAL INFORMATION:
APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
Ligands and Uses Therefor
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco

STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/877,665
FILING DATE: 08-Jun-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/109,206
FILING DATE: 30-Jun-1998
ATTORNEY/AGENT INFORMATION:
NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1084R1-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 362 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
FEATURE:
NAME/KEY: mnrG3 extracellular domain amino acid seq
LOCATION: 1-362
IDENTIFICATION METHOD:
OTHER INFORMATION:
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-877-665-3

Query Match 100.0%; Score 277; DB 10; Length 362;
Best Local Similarity 100.0%; Pred. No. 7,4e-26;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRKDLAYCLNDGECFVIELTGTGSHGRCRCKEGYGVRCDFL 47
DB 288 HFKPCRKDLAYCLNDGECFVIELTGTGSHGRCRCKEGYGVRCDFL 334

RESULT 15
US-10-136-573A-3
Sequence 3, Application US/10136573A
Publication No. US20020161200A1
GENERAL INFORMATION:
APPLICANT: Godoweki, Paul J.
APPLICANT: Zhang, Melanie Rose
TITLE OR INVENTION: ErbB Receptor-Specific Neuregulin Related Ligands and
TITLE OR INVENTION: Uses therefor
FILE REFERENCE: P1084R1C2
CURRENT APPLICATION NUMBER: US/10/136,573A
CURRENT FILING DATE: 2002-04-29
PRIOR APPLICATION NUMBER: US 09/480,977
PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: US 08/899,437
PRIOR FILING DATE: 1997-07-24
PRIOR APPLICATION NUMBER: US 60/052,019
PRIOR FILING DATE: 1997-07-09
NUMBER OF SEQ ID NOS: 23
SEQ ID NO: 3
LENGTH: 362
TYPE: PRT
ORGANISM: Mus musculus
US-10-136-573A-3

Query Match 100.0%; Score 277; DB 14; Length 362;
Best Local Similarity 100.0%; Pred. No. 7,4e-26;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRKDLAYCLNDGECFVIELTGTGSHGRCRCKEGYGVRCDFL 47
DB 288 HFKPCRKDLAYCLNDGECFVIELTGTGSHGRCRCKEGYGVRCDFL 334

Search completed: October 14, 2003, 17:38:30
Job time : 67 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: October 14, 2003, 17:21:09 ; Search time 29 seconds
(without alignments)
68.573 Million cell updates/sec

Title: US-09-480-977-4
277

Perfect score: 1 HPRKCRKDLAYCLNDGECF.....SHHRCCKRGYGVRCDOFL 47
Sequence: 277

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database:

Issued Patents AA:*
1: /cgn2_6/prodata/1/1aa/5A_COMB.pep:*
2: /cgn2_6/prodata/1/1aa/5B_COMB.pep:*
3: /cgn2_6/prodata/1/1aa/5A_COMB.pep:*
4: /cgn2_6/prodata/1/1aa/5B_COMB.pep:*
5: /cgn2_6/prodata/1/1aa/5A_COMB.pep:*
6: /cgn2_6/prodata/1/1aa/5B_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	277	100.0	47	US-08-899-437-4	Sequence 4, Appl
2	277	100.0	47	US-08-899-437-8	Sequence 8, Appl
3	277	100.0	47	US-09-126-121-4	Sequence 4, Appl
4	277	100.0	47	US-09-126-121-8	Sequence 8, Appl
5	277	100.0	48	US-09-553-769-6	Sequence 6, Appl
6	277	100.0	48	US-08-899-437-7	Sequence 7, Appl
7	277	100.0	360	US-09-126-121-7	Sequence 7, Appl
8	277	100.0	362	US-08-899-437-3	Sequence 3, Appl
9	277	100.0	362	US-09-126-121-3	Sequence 3, Appl
10	277	100.0	696	US-08-899-437-23	Sequence 23, Appl
11	277	100.0	696	US-09-126-121-23	Sequence 23, Appl
12	277	100.0	713	US-08-899-437-2	Sequence 2, Appl
13	277	100.0	713	US-09-126-121-2	Sequence 2, Appl
14	277	100.0	720	US-08-899-437-6	Sequence 6, Appl
15	277	100.0	720	US-09-126-121-6	Sequence 6, Appl
16	116.5	42.1	52	US-08-417-640A-1	Sequence 1, Appl
17	116.5	42.1	52	US-08-760-815-1	Sequence 1, Appl
18	116.5	42.1	52	US-08-761-038-1	Sequence 1, Appl
19	116.5	42.1	52	US-09-238-182-1	Sequence 1, Appl
20	113.5	41.0	49	US-08-899-437-14	Sequence 14, Appl
21	113.5	41.0	49	US-09-126-121-14	Sequence 14, Appl
22	113.5	41.0	50	US-08-753-007A-12	Sequence 12, Appl
23	113.5	41.0	50	US-09-398-486-12	Sequence 12, Appl
24	113.5	41.0	52	US-08-417-640A-3	Sequence 3, Appl
25	113.5	41.0	52	US-08-760-815-3	Sequence 3, Appl
26	113.5	41.0	52	US-08-761-038-3	Sequence 3, Appl
27	113.5	41.0	54	US-08-179-481-111	Sequence 11, Appl

28	113.5	41.0	63	3	US-08-341-018-62	Sequence 62, Appl
29	113.5	41.0	63	3	US-08-470-335-221	Sequence 221, App
30	113.5	41.0	63	3	US-08-470-339-221	Sequence 221, App
31	113.5	41.0	63	4	US-08-467-602-415	Sequence 415, App
32	113.5	41.0	66	1	US-07-847-743B-10	Sequence 10, Appl
33	113.5	41.0	66	2	US-08-456-201-10	Sequence 10, Appl
34	113.5	41.0	66	2	US-08-456-201-10	Sequence 10, Appl
35	113.5	41.0	66	3	US-09-020-880-2	Sequence 2, Appl
36	113.5	41.0	66	4	US-09-101-544-2	Sequence 10, Appl
37	113.5	41.0	66	5	PCT-US92-04295A-10	Sequence 10, Appl
38	113.5	41.0	83	3	US-08-341-018-70	Sequence 70, App
39	113.5	41.0	83	3	US-08-470-335-225	Sequence 225, App
40	113.5	41.0	83	3	US-08-470-339-225	Sequence 225, App
41	113.5	41.0	83	4	US-08-467-602-419	Sequence 419, App
42	113.5	41.0	88	3	US-08-341-018-68	Sequence 68, Appl
43	113.5	41.0	88	3	US-08-470-335-224	Sequence 224, App
44	113.5	41.0	88	3	US-08-470-339-224	Sequence 224, App
45	113.5	41.0	88	4	US-08-467-602-418	Sequence 418, App

ALIGNMENTS

RESULT 1
US-08-899-437-4
Sequence 4, Application US/08899437
Patent No. 6121415

GENERAL INFORMATION:

APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: E2b Receptor-Specific Neuregulin Related
NUMBER OF INVENTION: Ligands and Uses Therefor
CORRESPONDENCE ADDRESSES: 23
ADDRESSER: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Minipatin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/899,437
FILING DATE: 24-Jul-1997
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Conley, Delaire L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1084R1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 47 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear

FEATURE:
NAME/KEY: NR3 EGF-like domain/amino acid seq.
LOCATION: 1-47
IDENTIFICATION METHOD:
OTHER INFORMATION:

US-08-899-437-4
OTHER INFORMATION:

Query Match 100.0%; Score 277; DB 3; Length 47;
Best Local Similarity 100.0%; Pred. No. 1.8e-26;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 HPRKCRKDLAYCLNDGECFVETLTGSHHRCCKRGYGVRCDOFL 47

Db 1 HFKPCRDKLAVCLANDGECFVIEITLGSNKHCRCKEGYGVRCDOPL 47

RESULT 2

US-08-899-437-8
Sequence 8, Application US/08089437
Patent No. 6121415

GENERAL INFORMATION:

APPLICANT: Godowaki, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSER: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/899,437
FILING DATE: 24-Jul-1997
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Conley, Delidre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1084R1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 47 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear

FEATURE:

NAME/KEY: NR3 EGF-like domain/amino acid seq.

LOCATION: 1-47

IDENTIFICATION METHOD:

OTHER INFORMATION:

US-08-899-437-8

Query Match

Best Local Similarity 100.0%; Score 277; DB 3; Length 47;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HFKPCRDKLAVCLANDGECFVIEITLGSNKHCRCKEGYGVRCDOPL 47

Db 1 HFKPCRDKLAVCLANDGECFVIEITLGSNKHCRCKEGYGVRCDOPL 47

RESULT 3

US-09-126-121-4
Sequence 4, Application US/09126121
Patent No. 6252051

GENERAL INFORMATION:

APPLICANT: Godowaki, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSER: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Winpatin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/126,121

FILING DATE: 30-Jul-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Conley, Delidre L.

REGISTRATION NUMBER: 36,487

REFERENCE/DOCKET NUMBER: P1084R1D1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650/225-2066

TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 47 amino acids

TYPE: Amino Acid

TOPOLOGY: Linear

FEATURE:

NAME/KEY: NR3 EGF-like domain/amino acid seq.

LOCATION: 1-47

IDENTIFICATION METHOD:

OTHER INFORMATION:

US-09-126-121-4

Query Match

Best Local Similarity 100.0%; Score 277; DB 3; Length 47;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HFKPCRDKLAVCLANDGECFVIEITLGSNKHCRCKEGYGVRCDOPL 47

Db 1 HFKPCRDKLAVCLANDGECFVIEITLGSNKHCRCKEGYGVRCDOPL 47

RESULT 4

US-09-126-121-8
Sequence 8, Application US/09126121
Patent No. 6252051

GENERAL INFORMATION:

APPLICANT: Godowaki, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSER: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/126,121
FILING DATE: 30-Jul-1998

CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Conley, Delidre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1084R1D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:
LENGTH: 47 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear

FEATURE:
NAME/KEY: NR3 EGF-like domain/amino acid seq.

FEATURE:
NAME/KEY: NR03 EGF-like domain/amino acid seq.
LOCATION: 1-47
IDENTIFICATION METHOD:
OTHER INFORMATION:
US-09-126-121-8

Query Match 100.0%; Score 277; DB 3; Length 47;
Best Local Similarity 100.0%; Pred. No. 1.8e-26;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HFKPCRDKLAYCLNDGECFVETLTGSHKRCCKEGYGVRCDOFL 47
Db 1 HFKPCRDKLAYCLNDGECFVETLTGSHKRCCKEGYGVRCDOFL 47

RESULT 5
US-09-553-769-6
Sequence 6, Application US/09553769
Patent No. 6544759
GENERAL INFORMATION:

APPLICANT: Harari, Daniel
APPLICANT: Yarden, Yoel
TITLE OF INVENTION: NOVEL GROWTH FACTOR WHICH ACTS THROUGH ERBB-4 RECEPTOR TYROSINE K
FILE REFERENCE: 00/20522
CURRENT APPLICATION NUMBER: US/09/553,769
CURRENT FILING DATE: 2000-04-21
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patent version 3.0
SEQ ID NO: 6
LENGTH: 48
TYPE: PRT
ORGANISM: Mus musculus
US-09-553-769-6

Query Match 100.0%; Score 277; DB 4; Length 48;
Best Local Similarity 100.0%; Pred. No. 1.8e-26;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HFKPCRDKLAYCLNDGECFVETLTGSHKRCCKEGYGVRCDOFL 47
Db 2 HFKPCRDKLAYCLNDGECFVETLTGSHKRCCKEGYGVRCDOFL 48

RESULT 6
US-08-899-437-7
Sequence 7, Application US/08899437
Patent No. 6121415
GENERAL INFORMATION:

APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
TITLE OF INVENTION: Ligands and Uses Therefor
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSER: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/899,437
FILING DATE: 24-Jul-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Conley, Delidre L.
REGISTRATION NUMBER: 36,487

REFERENCE/DOCKET NUMBER: P1084R1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 360 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear

FEATURE:
NAME/KEY: hNRG3 extracellular domain/Amino AcidSeq
LOCATION: 1-360
IDENTIFICATION METHOD:
OTHER INFORMATION:
US-08-899-437-7

Query Match 100.0%; Score 277; DB 3; Length 360;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HFKPCRDKLAYCLNDGECFVETLTGSHKRCCKEGYGVRCDOFL 47
Db 286 HFKPCRDKLAYCLNDGECFVETLTGSHKRCCKEGYGVRCDOFL 332

RESULT 7
US-09-126-121-7
Sequence 7, Application US/09126121
Patent No. 6252051
GENERAL INFORMATION:

APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
TITLE OF INVENTION: Ligands and Uses Therefor
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSER: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/126,121
FILING DATE: 30-Jul-1998
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Conley, Delidre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1084R1D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 360 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear

FEATURE:
NAME/KEY: hNRG3 extracellular domain/Amino AcidSeq
LOCATION: 1-360
IDENTIFICATION METHOD:
OTHER INFORMATION:
US-09-126-121-7

Query Match 100.0%; Score 277; DB 3; Length 360;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 332

RESULT 8

US-08-899-437-3
Sequence 3, Application US/08899437
Patent No. 6121415

GENERAL INFORMATION:

APPLICANT: Goddowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related

NUMBER OF SEQUENCES: 23
Ligands and Uses Therefor

CORRESPONDENCE ADDRESSES:
ADDRESSEE: Genentech, Inc.

STREET: 1 DNA Way
CITY: South San Francisco

STATE: California
COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Winpatin (Genentech)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/899,437

FILING DATE: 24-Jul-1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Conley, Deirdre L.

REGISTRATION NUMBER: 36,487

REFERENCE/DOCKET NUMBER: P1084R1

TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066

TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:

LENGTH: 362 amino acids
TYPE: Amino Acid

TOPOLOGY: Linear
FEATURES:

NAME/KEY: mNRG3 extracellular domain amino acid seq
LOCATION: 1-362

IDENTIFICATION METHOD:
OTHER INFORMATION:

US-08-899-437-3
Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

RESULT 9

US-09-126-121-3

Sequence 3, Application US/09126121
Patent No. 6252051

GENERAL INFORMATION:

APPLICANT: Goddowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related

NUMBER OF SEQUENCES: 23
Ligands and Uses Therefor

CORRESPONDENCE ADDRESSES:
ADDRESSEE: Genentech, Inc.

STREET: 1 DNA Way
CITY: South San Francisco

STATE: California
COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Winpatin (Genentech)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/899,437

FILING DATE: 24-Jul-1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Conley, Deirdre L.

REGISTRATION NUMBER: 36,487

REFERENCE/DOCKET NUMBER: P1084R1

TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066

TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:

LENGTH: 696 amino acids

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 47
DB 286 HFKPCRDNDLAYCINDGECFVETLTGSHKRCRCRGYGVRCDOPL 334

Query Match 100.0%; Score 277; DB 3; Length 362;
Best Local Similarity 100.0%; Pred. No. 1.5e-25;

TYPE: Amino Acid
TOPOLOGY: Linear
FEATURE:
NAME/KEY: Human NR3B2
LOCATION: 1-696
IDENTIFICATION METHOD:
OTHER INFORMATION:
US-08-899-437-23

Query Match 100.0%; Score 277; DB 3; Length 696;
Best Local Similarity 100.0%; Pred. No. 2,9e-25;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDILAVCLNDGECFVITLTGSHKRCCKGKGYGVRCDOFL 47
DB 286 HFKPCRDILAVCLNDGECFVITLTGSHKRCCKGKGYGVRCDOFL 332

RESULT 11

US-09-126-121-23
Sequence 23, Application US/09126121
Patent No. 6253051

GENERAL INFORMATION:
APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSER: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatIn (Genentech)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/126,121

FILING DATE: 30-Jul-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Conley, Delidre L.

REGISTRATION NUMBER: 36,487

REFERENCE/DOCKET NUMBER: P1084R1D1

TELEPHONE: 650/952-9881

TELEFAX: 650/225-2066

INFORMATION FOR SEQ ID NO: 23:

SEQUENCE CHARACTERISTICS:

LENGTH: 696 amino acids

TYPE: Amino Acid

TOPOLOGY: Linear

FEATURE:

NAME/KEY: Human NR3B2

LOCATION: 1-696

IDENTIFICATION METHOD:

OTHER INFORMATION:

US-09-126-121-23

Query Match 100.0%; Score 277; DB 3; Length 696;

Best Local Similarity 100.0%; Pred. No. 2,9e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDILAVCLNDGECFVITLTGSHKRCCKGKGYGVRCDOFL 47

DB 286 HFKPCRDILAVCLNDGECFVITLTGSHKRCCKGKGYGVRCDOFL 332

RESULT 12

US-08-899-437-2

Sequence 2, Application US/08899437

Patent No. 6121415

GENERAL INFORMATION:

APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao

TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSER: Genentech, Inc.

STREET: 1 DNA Way

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatIn (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/899,437

FILING DATE: 24-Jul-1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Conley, Delidre L.

REGISTRATION NUMBER: 36,487

REFERENCE/DOCKET NUMBER: P1084R1

TELEPHONE: 650/952-2066

TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 713 amino acids

TYPE: Amino Acid

TOPOLOGY: Linear

FEATURE:

NAME/KEY: Mouse NR3 (mNR3)/amino acid seq.

LOCATION: 1-713

IDENTIFICATION METHOD:

OTHER INFORMATION:

US-08-899-437-2

Query Match 100.0%; Score 277; DB 3; Length 713;

Best Local Similarity 100.0%; Pred. No. 2,9e-25;

Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HFKPCRDILAVCLNDGECFVITLTGSHKRCCKGKGYGVRCDOFL 47

DB 286 HFKPCRDILAVCLNDGECFVITLTGSHKRCCKGKGYGVRCDOFL 334

RESULT 13

US-09-126-121-2

Sequence 2, Application US/09126121

Patent No. 6253051

GENERAL INFORMATION:

APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao

TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSER: Genentech, Inc.

STREET: 1 DNA Way

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatIn (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/126.121
 FILING DATE: 30-Jul-1998
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Conley, Delidre L.
 REGISTRATION NUMBER: 36,487
 REFERENCE/DOCKET NUMBER: P1084R1D1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650/225-2066
 TELEFAX: 650/952-9881
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 713 amino acids
 TYPE: Amino Acid
 TOPOLOGY: Linear
 FEATURE:
 NAME/KEY: Mouse NR3 (MNR3)/amino acid seq.
 LOCATION: 1-713
 IDENTIFICATION METHOD:
 OTHER INFORMATION:
 US-09-126-121-2

Query Match 100.0%; Score 277; DB 3; Length 713;
 Best Local Similarity 100.0%; Pred. No. 2,9e-25;
 Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 288 HFKPCRDKLAYCLNDGECFVETLTGSHKCRCKEGYQGVRCDFL 334
 RESULT 14
 US-08-899-437-6
 Sequence 6, Application US/08899437
 Patent No. 6121415
 GENERAL INFORMATION:
 APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
 TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
 NUMBER OF SEQUENCES: 23
 CORRESPONDENCE ADDRESS:
 ADDRESS: Genentech, Inc.
 STREET: 1 DNA Way
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Winpatin (Genentech)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/899,437
 FILING DATE: 24-Jul-1997
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Conley, Delidre L.
 REGISTRATION NUMBER: 36,487
 REFERENCE/DOCKET NUMBER: P1084R1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650/225-2066
 TELEFAX: 650/952-9881
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 720 amino acids
 TYPE: Amino Acid
 TOPOLOGY: Linear
 FEATURE:
 NAME/KEY: hNRG3B1 amino acid sequence
 LOCATION: 1-720
 IDENTIFICATION METHOD:
 OTHER INFORMATION:

US-08-899-437-6
 Query Match 100.0%; Score 277; DB 3; Length 720;
 Best Local Similarity 100.0%; Pred. No. 3e-25;
 Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 286 HFKPCRDKLAYCLNDGECFVETLTGSHKCRCKEGYQGVRCDFL 332
 RESULT 15
 US-09-126-121-6
 Sequence 6, Application US/09126121
 Patent No. 8252051
 GENERAL INFORMATION:
 APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
 TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
 NUMBER OF SEQUENCES: 23
 CORRESPONDENCE ADDRESS:
 ADDRESS: Genentech, Inc.
 STREET: 1 DNA Way
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Winpatin (Genentech)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/126,121
 FILING DATE: 30-Jul-1998
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Conley, Delidre L.
 REGISTRATION NUMBER: 36,487
 REFERENCE/DOCKET NUMBER: P1084R1D1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650/225-2066
 TELEFAX: 650/952-9881
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 720 amino acids
 TYPE: Amino Acid
 TOPOLOGY: Linear
 FEATURE:
 NAME/KEY: hNRG3B1 amino acid sequence
 LOCATION: 1-720
 IDENTIFICATION METHOD:
 OTHER INFORMATION:
 US-09-126-121-6

Query Match 100.0%; Score 277; DB 3; Length 720;
 Best Local Similarity 100.0%; Pred. No. 3e-25;
 Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 286 HFKPCRDKLAYCLNDGECFVETLTGSHKCRCKEGYQGVRCDFL 332
 Search completed: October 14, 2003, 17:30:00
 Job time: 30 secs